

## **MODERN EDUCATION SYSTEMS IN THE FIELD OF IT**

*Любіч Діана Олександрівна, Київський національний університет*

*технологій та дизайну, (м. Київ)*

*Науковий керівник – Чернець М. О.*

Nowadays more and more new technologies are being implemented in our lives. The growth of IT-industry requires a huge amount of people being involved. In this regard, appears a need to use innovative training systems, which allow training universal specialists. Some of this programs are implemented in Ukraine and UNIT Factory is a great example.

UNIT Factory (Ukrainian National IT Factory) is the first and the only educational institution in Ukraine, which works due to the standards of the French School 42 [1]. Here you can study programming, working in command and finding extraordinary solutions. French school has a little in common with the traditional educational format: no marks, no workbooks, no teachers. Training takes place in the form of work on projects in the mode of “in-depth training” as it is called in this school. During the selection diplomas or results of ZNO testing are not captured.

Everything depends on your abilities and motivation. And education is free for all students. There is only an age limit: from 18 to 30 years. School 42 uses innovative project training system, including method Peer-to-Peer (P2P), which allows to adapt students to work on real commercial tasks as much as possible. [2]

An important thing is that UNIT Factory is unprofitable project and the training here will be free for all students. The only condition: after graduating from school students have to work on the territory of Ukraine for three years. [2]

There are several stages of selection for training. First of all, it's necessary to pass online-testing, which is made like mini-game (thus, programming abilities are checked). Next stage is group interview, which shows entrants ability of command working. The last stage of selection is so-called “pool”. On this step those who want to study in UNIT Factory have to be engaged in programming for a month. During this period, applicants have to face different coding tasks every day. There is no study

schedule, everyone can spend as much time as they need. If all the stages of selection are successfully passed, students sign a contract with Unit-factory and begin training. The basis of studying is collective learning, which helps to reveal the creative abilities of students. The training system is similar to the role-game – during carrying out a project students upgrade their skills and get experience. Training material is in is stored on the internal network of UNIT Factory and students help each other to learn it.

The program aims at developing essential skills for designing of high quality software. UNIT Factory prepares students to work in the most demanding leading IT companies. The goal of the program is not only to receive technical knowledge, but also get practical experience in programming. Training lasts up to 3 years. It covers a wide range of areas, that you can choose[1]. IT project manager, software architect, network architect, network administrator, web developer, mobile software developer, IT security specialist, video game developer - upon completion of the UNIT Factory, students will receive the knowledge and skills necessary to work in these positions. UNIT Factory is assured that graduates will be able to work as programmers already in the first 12 months of training. After that, they will be able to decide whether to continue to study or go to work for an IT company. Graduates receive a certificate [3]. Thus, to obtain a new profession you do not necessarily need money, only perseverance and desire to gain new knowledge.

#### REFERENCES

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